

REMARKS

This Amendment is in response to the Office Action mailed October 2, 2006. Claims 1-19 are pending in the application and are rejected. Applicants respond to the rejection of claims 1-19 as follows.

Response to Claim Rejections – 35 U.S.C. § 112

Claim 4 is rejected under 35 U.S.C. § 112 second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which Applicants regard as the invention. In particular, the limitation “the application program” in line 1-2 does not have sufficient antecedent basis. Claim 4 is dependent upon claim 1 which recites *inter alia* an application interface configured to return requested detail information to **an application program**. As indicated by boldface, there is sufficient antecedent basis for the term “the application program” in claim 4. Based upon the foregoing, Applicants respectfully request withdrawal of the rejection of claim 4 under 35 U.S.C. § 112, second paragraph.

Response to Claim Rejections – 35 U.S.C. § 102

Claims 1-19 are rejected under 35 U.S.C. § 102(e) as being anticipated by Charles J. Lewis, U.S. Patent Publication No. US 2004/0162772A (hereinafter “Charles”).

Claim 1 is not anticipated by Charles as follows. Charles discloses a financial database and report system to store and retrieve financial data, for example through a web server. However, Charles does not disclose each of the recited claim elements including an application interface configured to return requested detail information by invoking a generalized interface to access detail interface information in a data mart that stores the detail interface information for a plurality of detail interfaces and to instantiate and invoke the detailed interface based upon the detailed interface information to obtain the requested detail information as claimed.

Claim 1 was rejected based upon FIG. 4 and paragraphs [0031]-[0032] of Charles. FIG. 4 of Charles illustrates a business object model including a database 130 accessible through a web server 120. Paragraph 0031 provides that an object of the invention is to “provide a library

of business objects that provide easy access to the database according to business subjects”. Paragraph 0032 provides that it is another object to provide “a computer platform that permits access through unified Internet-enabled, lightweight, scalable, user interface that supports browser-based inquiries, updates, and reporting and requires minimal code to be installed and maintained on each user’s personal computer or other personal access device.”

Paragraphs [0031] and [0032] and FIG. 4 which teach a library of business of objects and an interface that supports browser based inquiries and reporting does not teach each of the elements of claim 1 including an application interface configured to return detail information by invoking a generalized interface to access detailed interface information in a data mart including a plurality of detail interfaces and invoking a detail interface based upon the detailed interface information as claimed. Accordingly, claim 1 is patentable over Charles.

Claims 2-9 are dependent upon claim 1 and are allowable based upon the allowability of claim 1. Further, dependent claims 3 and 7 are allowable as follows.

Claim 3 recites wherein the application interface is configured to retrieve financial data from a financial system or general ledger system using the data mart and was rejected in view of paragraphs [0153]-[0155] of Charles. Paragraphs [0153]-[0155] of Charles disclose a web server that operates in conjunction with a Search Engine, Time Series Engine, Reporting Engine and Distribution Server to enable “on-line viewing of the data and information”. A user can invoke the search engine 170 to enter and conduct free form searches against the contents of the database or invoke the time series engine 180 to enter historical queries. Paragraphs [0153]-[0155] do not teach retrieving financial data by invoking a generalized interface to access detail interface information in a data mart that stores the detail interface information for a plurality of detail interfaces and instantiating and invoking the detailed interface based upon the detailed interface information to obtain the requested detail information as set forth in claim 3

Claim 7 is dependent upon claim 1 and recites wherein the application interface is configured to receive an activation from a drilldown viewer in the application program and was rejected based upon paragraphs [0099] and [0104] of Charles. Paragraphs [0099] and [0104] of

Charles disclose interrelationships of data that “reflects quick roll-up assessment and drill down research and from/the derived information to/from detailed data.” Paragraphs [0099] and [0104] do not teach a drilldown viewer and an application interface configured to receive an activation from the drilldown viewer and invoke a generalized interface to access detail interface information in a data mart that stores the detail interface information for a plurality of detail interfaces and to instantiate and invoke the detailed interface based upon the detailed interface information to obtain the requested detail information as claimed.

Claim 10 was rejected on the basis that in paragraphs [0153]-[0155], Charles discloses receiving a detail information request from an application and retrieving detail interface information from a data mart, in paragraphs [0031]-[0032], Charles discloses instantiating a detail interface identified by the detail interface information, in paragraphs [0038]-[0040], Charles discloses retrieving the detailed information requested from one of the financial data storage systems through the instantiated detail interface and in paragraphs [0151]-[0152], Charles discloses returning the detail information to the application.

The steps of receiving a detailed information request from an application, invoking a generalized interface to a data mart and retrieving detail interface information from the data mart, instantiating a detail interface identified by the detail interface information, retrieving the detailed information requested from one of the plurality of financial data storage systems through the instantiated detail interface and returning the detail information to the application are not taught in paragraphs [0153]-[155], [0031]-[0032], [0038]-[0040] and [0151]-[0152] of Charles.

Paragraphs [0153]-[0155] of Charles disclose a web server that operates in conjunction with a Search Engine, Time Series Engine, Reporting Engine and Distribution Server to enable “on-line viewing of data and information”. A user can invoke the search engine to enter and conduct free form searches against the contents of the database or invoke the time series engine 180 to enter historical queries. Paragraphs [0031] – [0032] disclose a library of business objects to provide easy access to a database. Paragraphs [0038] – [0040] disclose a web

servers that manages database updates and retrievals. Paragraph [0151]-[0152] disclose that the web server objects update and retrieve from the database. Disclosure regarding retrieval of data through a web server and a library of business objects to provide easy access to a database does not teach each of the steps of claim 10. Accordingly, claim 10 is patentable over Charles.

Claims 11-15 are dependent upon claim 10 and are allowable based upon the allowability of claim 10. Further paragraphs [0099] and [0104] of Charles do not teach the step of receiving an input from a drilldown viewer of an application program as set forth in claim 15.

Claim 16 was rejected on the basis of paragraphs [0031] – [0032], [0099] and [0104] of Charles. As previously discussed, paragraph [0031] of Charles discloses a library of business objects to provide easy access to a database, paragraph [0032] of Charles discloses access through a unified Internet-enabled, lightweight, scalable, user interface that supports browser-based inquiries, updates and reporting and paragraphs [0099] and [0104] of Charles disclose an interrelationship of data that “reflects quick roll-up assessment and drill down research and from/to derived information to/from detailed data.”

Paragraphs [0031]-[0032], [0099] and [0104] do not teach each of the recited claim elements including a drilldown feature activatable to display transaction data from an open business system, comprising a drilldown interface configured to invoke a generalized interface to a data mart to retrieve detail interface information used to obtain detail information from the open business system as claimed.

Further dependent claims 17-19 are dependent upon claim 16 and are allowable based upon the allowability of claim 16.

Based upon the foregoing reconsideration and allowance of claims 1-19 are respectfully requested.

The Director is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 23-1123.

Respectfully submitted,

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